

§ 785.20

(B) Factors contributing to the function of storing water, such as permeability, infiltration, porosity, depth and direction of ground water flow, and water holding capacity;

(C) Factors contributing to the function of regulating the flow of surface and ground water, such as the longitudinal profile and slope of the valley and channels, the sinuosity and cross-sections of the channels, interchange of water between streams and associated alluvial and bedrock aquifers, and rates and amount of water supplied by these aquifers; and

(D) Factors contributing to water availability, such as the presence of flood plains and terraces suitable for agricultural activities.

(ii) Whether the operation will avoid during mining and reclamation the interruption, discontinuance, or preclusion of farming on the alluvial valley floor;

(iii) Whether the operation will cause material damage to the quantity or quality of surface or ground waters supplied to the alluvial valley floor;

(iv) Whether the reclamation plan is in compliance with requirements of the Act, this chapter, and regulatory program; and

(v) Whether the proposed monitoring system will provide sufficient information to measure compliance with part 822 of this chapter during and after mining and reclamation operations.

(e) *Findings.* (1) The findings of paragraphs (e)(2) (i) and (ii) of this section are not required with regard to alluvial valley floors to which are applicable any of the exclusions of paragraph (b)(2) of this section.

(2) No permit or permit revision application for surface coal mining and reclamation operations on lands located west of the 100th meridian west longitude shall be approved by the regulatory authority unless the application demonstrates and the regulatory authority finds in writing, on the basis of information set forth in the application, that—

(i) The proposed operations will not interrupt, discontinue, or preclude farming on an alluvial valley floor;

(ii) The proposed operations will not materially damage the quantity or quality of water in surface and under-

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ground water systems that supply alluvial valley floors; and

(iii) The proposed operations will comply with part 822 of this chapter and the other applicable requirements of the Act and the regulatory program.

[48 FR 29820, June 28, 1983, as amended at 54 FR 9735, Mar. 7, 1989]

§ 785.20 Augering.

(a) This section applies to any person who conducts or intends to conduct surface coal mining and reclamation operations utilizing augering operations.

(b) Any application for a permit for operations covered by this section shall contain, in the mining and reclamation plan, a description of the augering methods to be used and the measures to be used to comply with 30 CFR part 819.

(c) No permit shall be issued for any operations covered by this section unless the regulatory authority finds, in writing, that in addition to meeting all other applicable requirements of this subchapter, the operation will be conducted in compliance with 30 CFR part 819.

§ 785.21 Coal preparation plants not located within the permit area of a mine.

(a) This section applies to any person who operates or intends to operate a coal preparation plant in connection with a coal mine but outside the permit area for a specific mine. Any person who operates such a preparation plant shall obtain a permit from the regulatory authority in accordance with the requirements of this section

(b) Any application for a permit for operations covered by this section shall contain an operation and reclamation plan which specifies plans, including descriptions, maps, and cross sections, of the construction, operation, maintenance, and removal of the preparation plant and support facilities operated incident thereto or resulting therefrom. The plan shall demonstrate that those operations will be conducted in compliance with part 827 of this chapter.

(c) No permit shall be issued for any operation covered by this section, unless the regulatory authority finds in